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(54) HOLLOW COMB WITH CONTAINER

(71) I, MARIE-LOUISE JURIENS, of Swiss nationality, of 123, Mont-Goulin, 1008 Prilly, Switzerland, do hereby declare the invention, for which I pray that a patent may be granted to me, and the method by which it is to be performed, to be particularly described in and by the following statement:

The subject of the present invention is a hollow comb with container, distinguished by the fact that it comprises a hollow body forming a container, the top of said body being in the general shape of an arc of a circle at the top of which is fitted a filling tube closed by a stopper and the bottom of the comb comprising a series of projections forming the teeth of the comb, each tooth being in the shape of a hollow dome provided with an orifice for expelling the contents of the container.

The attached drawing represents, by way of example, a form of execution of the comb that is the subject of the invention whose container is designed to hold an insecticide powder for treating dogs, cats and other animals.

Fig. 1 is a vertical section of the comb.

Fig. 2 is a horizontal section from above.

Fig. 3 is a horizontal section from below.

Fig. 4 is a cross-section along the line IV—IV of Fig. 1.

Fig. 5 is a partial vertical section, along the line V—V of Fig. 2.

Figs. 6 to 8, on a smaller scale, show a removable device for closing the ejection orifices of the comb, Fig. 6 being a vertical section, similar to that of Fig. 5, Fig. 7 a horizontal section, along the line VII—VII of Fig. 6, and Fig. 8, a horizontal section viewed from below.

The comb, in the form of execution shown, comprises a hollow body. The top 2 of the body 1 comprises two walls 3,3', arranged longitudinally and curved symmetrically with respect to each other, the said walls being connected, on the one hand, at their top ends 4,4' respectively by an arc of a circle of large radius, and on the other hand, at their lateral ends 5,5' respectively, by an arc of a circle of small radius.

The bottom 6 of the body 1 comprises five

projections 7 forming the teeth of the comb, each tooth being in the shape of a hollow paraboloid dome whose vertex 8, pointing downwards, is provided with an ejection orifice 9.

The hollow body 1 forming the container is filled with powder 10, represented diagrammatically in Fig. 4, for example insecticide powder, the said powder being poured into the container through a filling tube 11, closed by a stopper 12.

By pressing on the longitudinal walls 3,3' of the hollow body 1, the powder 10 is squeezed out of the comb via the ejection orifices 9.

The hollow body 1 could also contain an insecticide liquid. In this case, the orifices 9 are closed by means of a removable plate 13 whose edge is raised so as to be in contact with the lateral curve of the bottom of the teeth 7.

Plate 13 is, in addition, provided with pins 14 designed to enter and block orifices 9.

The comb described is used in particular for grooming or treating an animal, such as for example a dog or a cat, whose coat or fur requires basic treatment with a chemical product in powder or liquid form.

It is obvious that the comb described may have any number of teeth.

WHAT I CLAIM IS:—

1. Hollow comb with container, distinguished by the fact that it consists of a hollow body being in the general shape of an arc of a circle, at the top of which is fitted a filling tube closed by a stopper and the bottom of the comb comprising a series of projections forming the teeth of the comb, each tooth being in the shape of a hollow dome provided with an orifice for expelling the contents of the container.

2. Comb according to claim 1, characterized by the fact that the bottom of the comb is provided with five teeth, each tooth having an ejection orifice.

3. Comb according to claims 1 and 2 characterized by the fact that it is provided with a removable device for closing the

ejection orifices, the said device comprising a removable plate raised at the edges and provided with pins, each pin being designed to enter and block an ejection orifice.

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Fig. 3

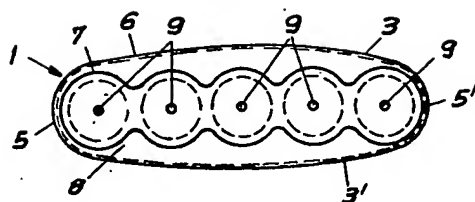


Fig. 1

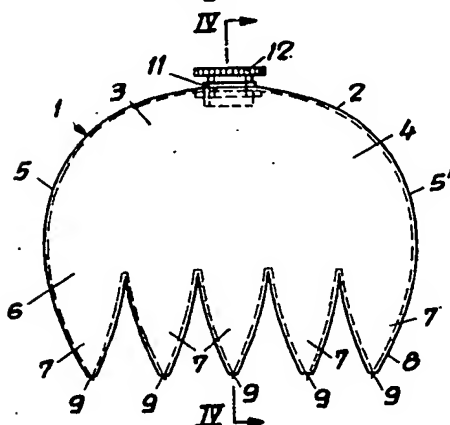


Fig. 4

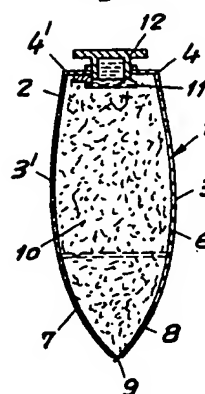


Fig. 8

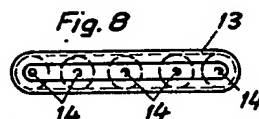


Fig. 2

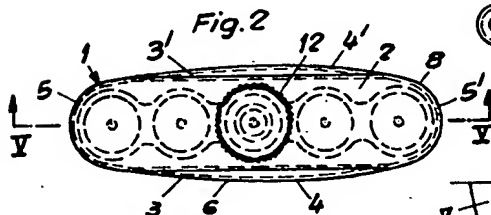


Fig. 6

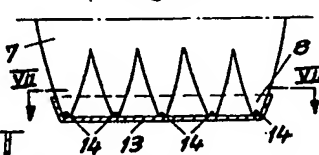


Fig. 5

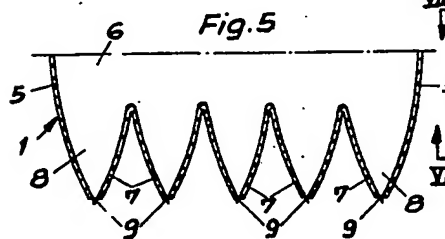


Fig. 7

